



SEQUENCE LISTING

<140> Liang, Jihong
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Wu, Yonnie S.
Rosenberger, Cindy A.
Hakimi, Salim

<120> Antifungal Polypeptide and Methods for Controlling Plant Pathogenic Fungi

<130> 11899.0193.DVUS02

<140> 10/010,731

<141> 2001-11-13

<150> 09/003,198

<151> 2000-06-07

<160> 19

<170> PatentIn version 3.2

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Gly Cys Asp Thr His Cys Thr Thr Lys Glu Asn Ala Val Ser Gly Arg
20 25 30

Cys Arg Asp Asp Phe Arg Cys Xaa Xaa Thr Lys
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Cys Arg Asp Asp Phe Arg Cys Trp Cys Thr Lys Arg Cys
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 cttcctcttc ctggttctct ttgttgaaca agaaattatg gtgaccgagg cagctacttg 180
 tgagaatttg gctaacacat acaggggacc atgcttcggt ggttgtgact ttcactgcaa 240
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agatgttaaa tggatctcct ccaacatcaa gatgtgcatg gaatagtctt tataataaaa 180
ctaaataaat aaaatgcacg cagtatagct acaacttcat ctatatatat gtactcaata 240
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 cttcctcttc ttggttctct ttgttgaca agaaattgtg gtgacagaag ccagaacatg 180
 tgagaatttg gcagataaat ataggggacc atgctttagt ggttgtagaca ctactgcac 240
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 aagatgttaa atggatctcc tccaacatca agatgtgcat ggaatagtct ttataataaa 360
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 tggcagataa atatagggga ccatgcttta gtggttgtaga cactcactgc acaaccaaag 180
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Gly Cys Asp Phe His Cys Lys Thr Lys Glu His Leu Leu Ser Gly Arg
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Cys Arg Asp Asp Phe Arg Cys Cys
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Phe Val Ala Gln Glu Ile Val Val Thr Glu Ala Arg Thr Cys Glu Asn
20 25 30

Leu Ala Asp Lys Tyr Arg Gly Pro Cys Phe Ser Gly Cys Asp Thr His
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Cys Thr Thr Lys Glu Asn Ala Val Ser Gly Arg Cys Arg Asp Asp Phe
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Arg Cys Trp Cys Thr Lys Arg Cys
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Phe Val Glu Gln Glu Ile Met Val Thr Glu Ala Ala Thr Cys Glu Asn
20 25 30

Leu Ala Asn Thr Tyr Arg Gly Pro Cys Phe Gly Gly Cys Asp Phe His
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Cys Lys Thr Lys Glu His Leu Leu Ser Gly Arg Cys Arg Asp Asp Phe
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Met Glu Lys Lys Ser Leu Ala Cys Leu Ser Phe Leu Leu Leu Val Leu
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Phe Val Ala Gln Glu Ile Val Val Ser Glu Ala Asn Thr Cys Glu Asn
 20 25 30

Leu Ala Gly Ser Tyr Lys Gly Val Cys Phe Gly Gly Cys Asp Arg His
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Cys Arg Thr Gln Glu Gly Ala Ile Ser Gly Arg Cys Arg Asp Asp Phe
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Arg Cys Trp Cys Thr Lys Asn Cys
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